

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056237 A2

(51) International Patent Classification⁷: **B24C 5/02**, 3/06,
9/00, 1/04, 7/00, F04F 5/20

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(21) International Application Number:
PCT/GB2004/050039

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(22) International Filing Date:
10 December 2004 (10.12.2004)

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(25) Filing Language: English

(26) Publication Language: English

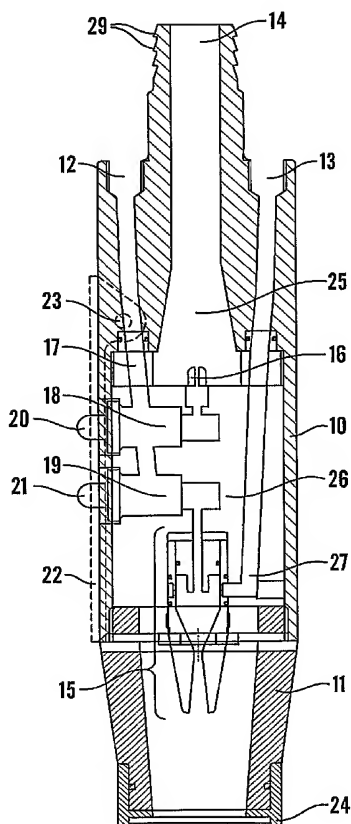
(30) Priority Data:
0328860.2 12 December 2003 (12.12.2003) GB

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

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[Continued on next page]

(54) Title: PNEUMATIC ETCHING DEVICES



(57) Abstract: A pneumatic etching device comprising means for entraining abrasive particles in a gas flow and propelling them against a surface to be etched and means for drawing spent particles and debris away from said surface using a vacuum generated internally using the compressed gas source that propels the abrasive particles. The vacuum is preferably generated using a vacuum nozzle that directs compressed air away from the surface to be etched into a conical chamber tapering to an exhaust port. The device also incorporates an easily replaceable blasting nozzle unit for quick maintenance and may incorporate a hopper for recycling the abrasive particles.



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

Published:

— *without international search report and to be republished upon receipt of that report*

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